

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137265.D
 Acq On : 02 Feb 2024 20:16
 Operator : CG\JU
 Sample : P1341-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Manual Integrations
 APPROVED

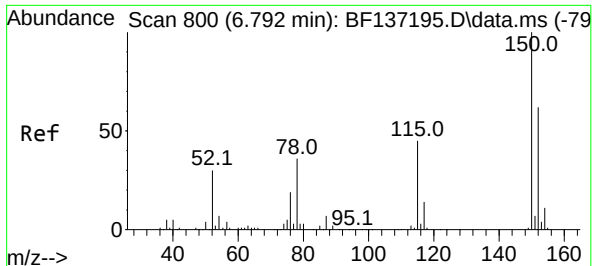
Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

Quant Time: Feb 02 22:45:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

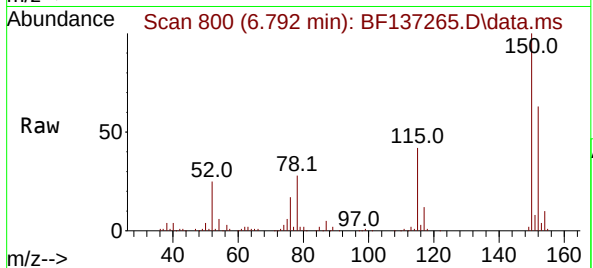
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	50947	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	188796	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	95053	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	157781	20.000	ng	0.00
76) Chrysene-d12	13.963	240	127189	20.000	ng	-0.01
86) Perylene-d12	15.445	264	97437	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	422597	136.872	ng	0.01
7) Phenol-d6	6.428	99	541881	122.980	ng	0.00
23) Nitrobenzene-d5	7.351	82	367089	87.053	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	128328	119.543	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	635001	91.835	ng	0.00
79) Terphenyl-d14	12.910	244	685190	73.236	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	22492	2.723	ng	# 92
75) Fluoranthene	12.527	202	47529	5.499	ng	99
78) Pyrene	12.757	202	40041	3.276	ng	99
80) Butylbenzylphthalate	13.392	149	18086	5.784	ng	93
83) Chrysene	13.992	228	20493	2.314	ng	96
84) Bis(2-ethylhexyl)phtha...	13.963	149	498778	137.113	ng	99
88) Benzo(b)fluoranthene	15.010	252	20284m	3.385	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137265.D
Acq: 02 Feb 2024 20:16

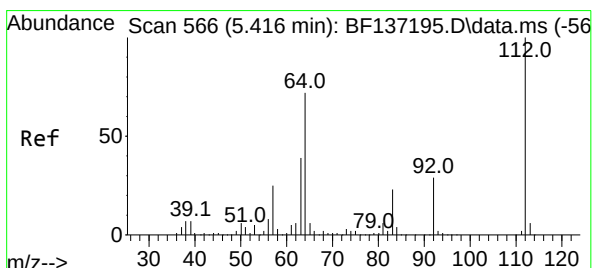
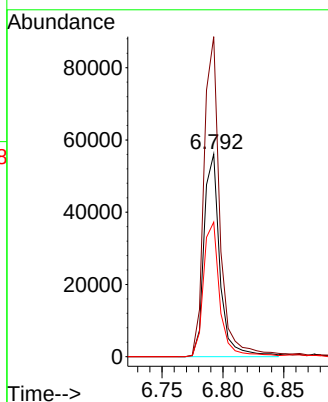
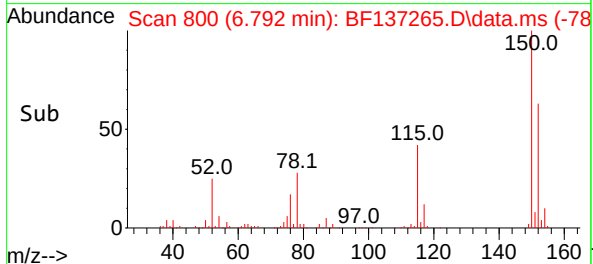
Instrument :
BNA_F
ClientSampleId :
COMP-2



Tgt Ion:152 Resp: 5094
Ion Ratio Lower Upper
152 100
150 158.0 129.8 194.8
115 66.5 58.5 87.7

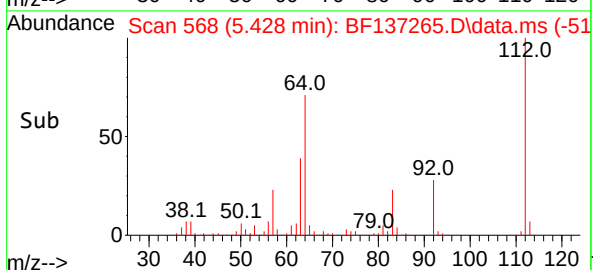
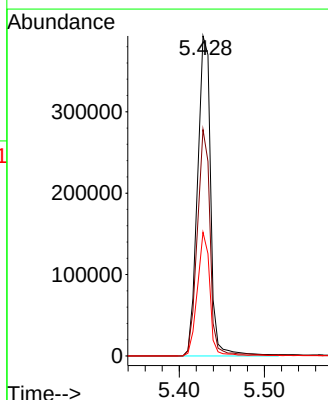
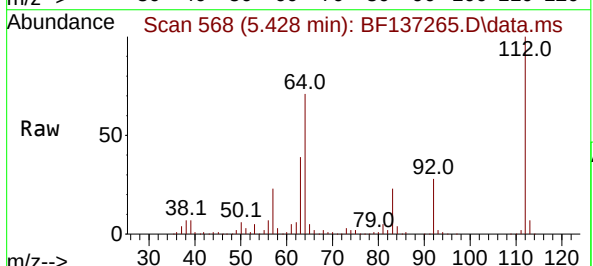
Manual Integrations
APPROVED

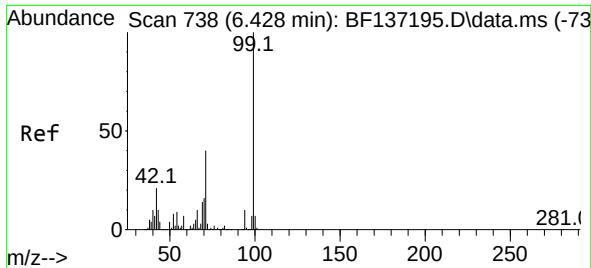
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#5
2-Fluorophenol
Concen: 136.872 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF137265.D
Acq: 02 Feb 2024 20:16

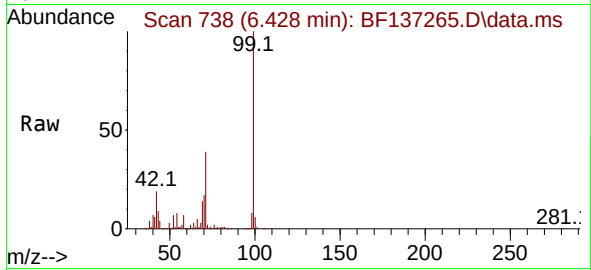
Tgt Ion:112 Resp: 422597
Ion Ratio Lower Upper
112 100
64 70.7 57.8 86.6
63 38.6 31.4 47.0





#7
Phenol-d6
Concen: 122.980 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137265.D
Acq: 02 Feb 2024 20:16

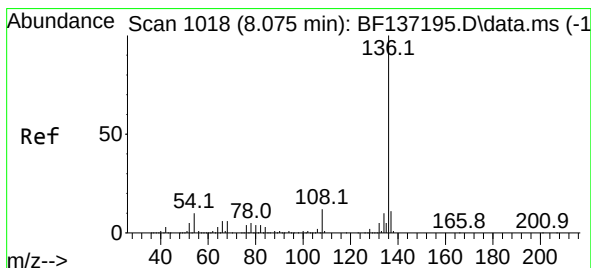
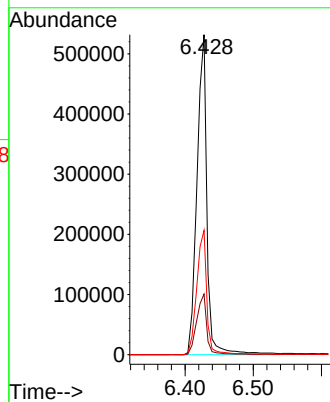
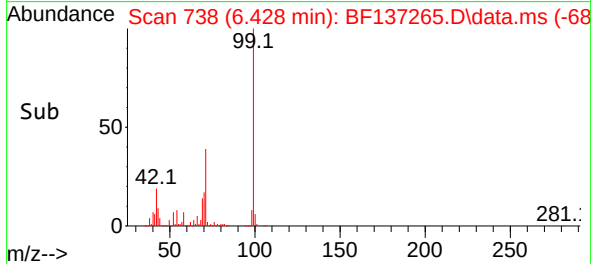
Instrument :
BNA_F
ClientSampleId :
COMP-2



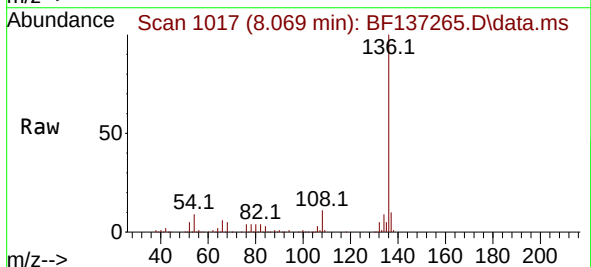
Tgt Ion: 99 Resp: 54188
Ion Ratio Lower Upper
99 100
42 18.9 16.4 24.6
71 38.8 32.4 48.6

Manual Integrations
APPROVED

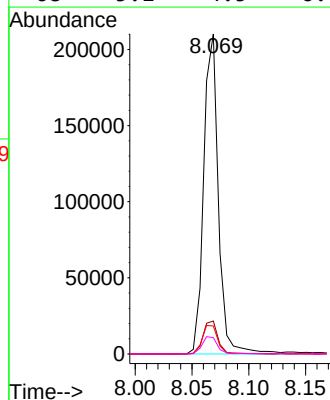
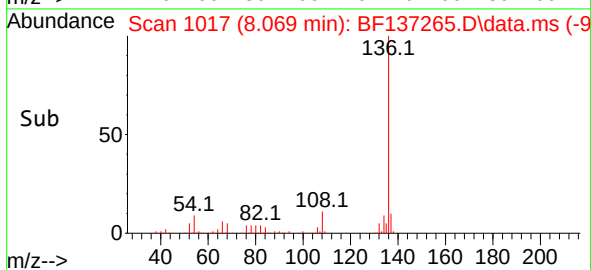
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

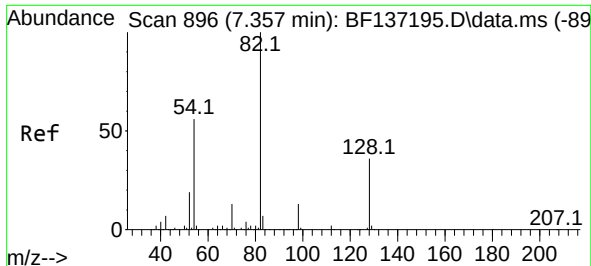


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137265.D
Acq: 02 Feb 2024 20:16



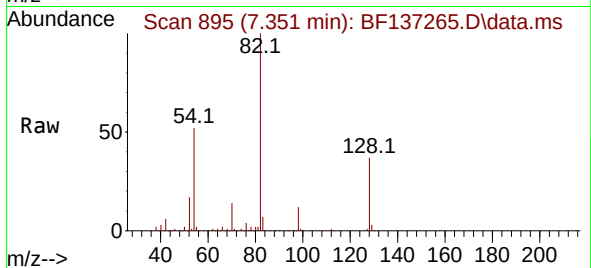
Tgt Ion:136 Resp: 188796
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 8.8 7.8 11.8
68 5.1 4.5 6.7





#23
Nitrobenzene-d5
Concen: 87.053 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF137265.D
Acq: 02 Feb 2024 20:16

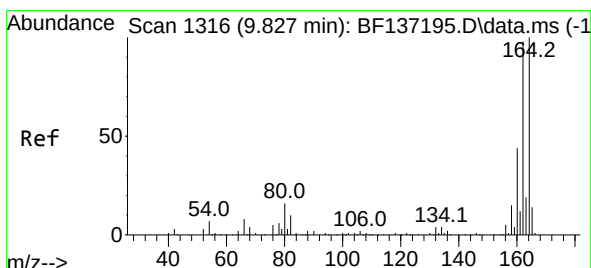
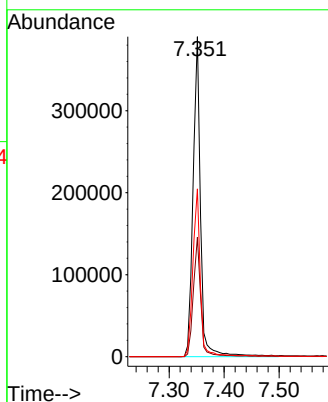
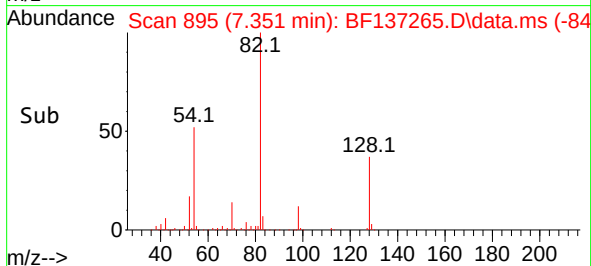
Instrument :
BNA_F
ClientSampleId :
COMP-2



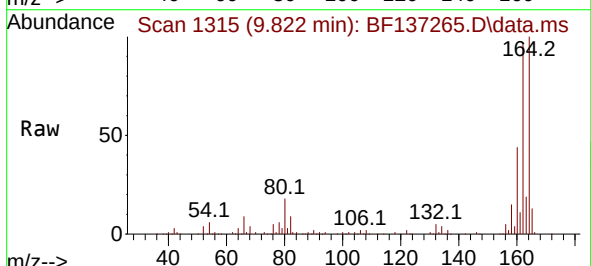
Tgt Ion: 82 Resp: 367089
Ion Ratio Lower Upper
82 100
128 37.4 29.1 43.7
54 52.5 45.0 67.6

Manual Integrations
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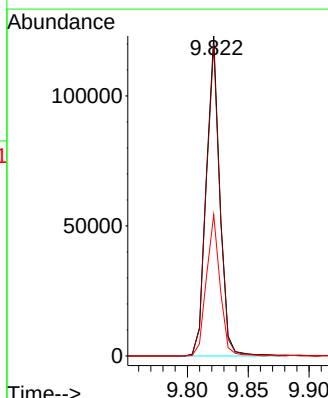
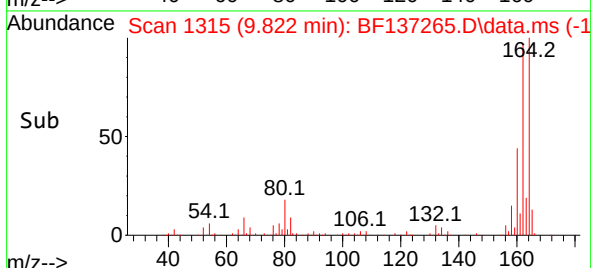
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

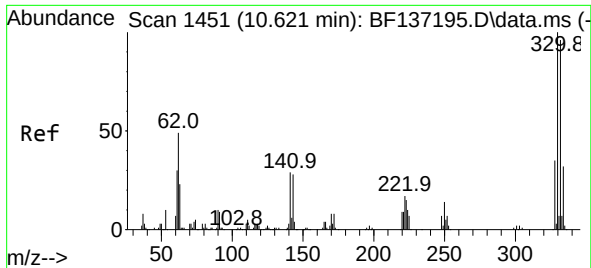


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137265.D
Acq: 02 Feb 2024 20:16



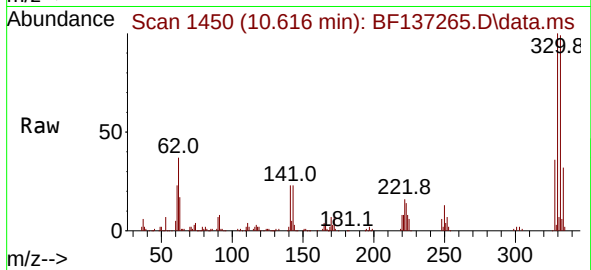
Tgt Ion:164 Resp: 95053
Ion Ratio Lower Upper
164 100
162 97.3 78.3 117.5
160 44.2 35.4 53.2





#42
2,4,6-Tribromophenol
Concen: 119.543 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137265.D
Acq: 02 Feb 2024 20:16

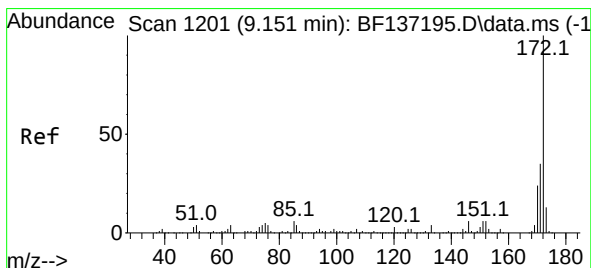
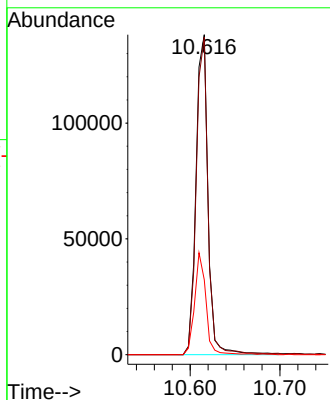
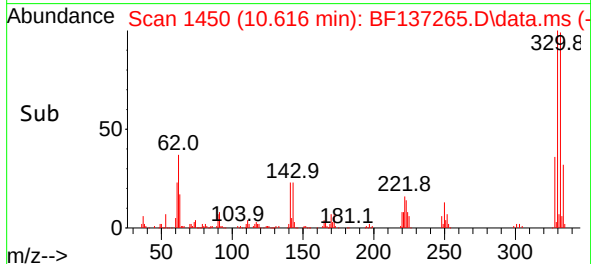
Instrument :
BNA_F
ClientSampleId :
COMP-2



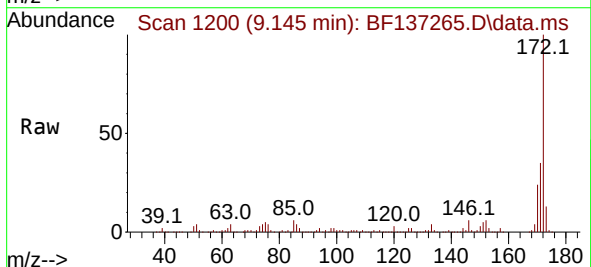
Tgt Ion:330 Resp: 128328
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 30.2 25.2 37.8

Manual Integrations
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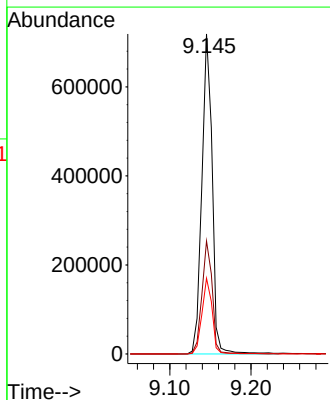
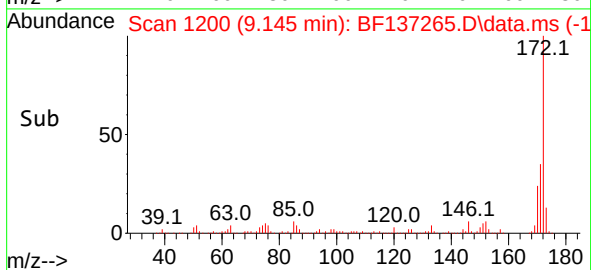
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

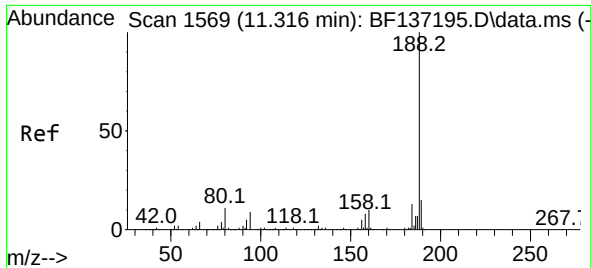


#45
2-Fluorobiphenyl
Concen: 91.835 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137265.D
Acq: 02 Feb 2024 20:16



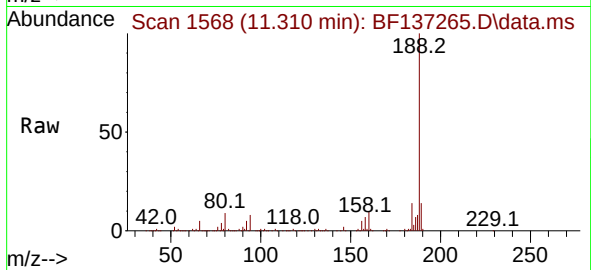
Tgt Ion:172 Resp: 635001
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.6 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF137265.D
Acq: 02 Feb 2024 20:16

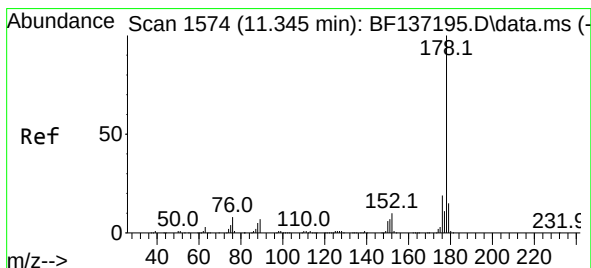
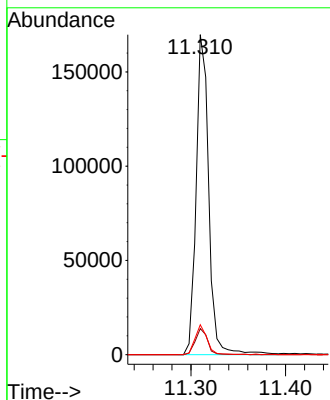
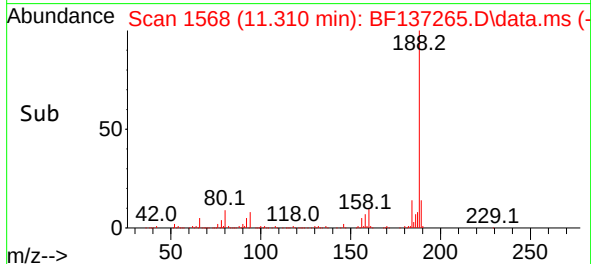
Instrument :
BNA_F
ClientSampleId :
COMP-2



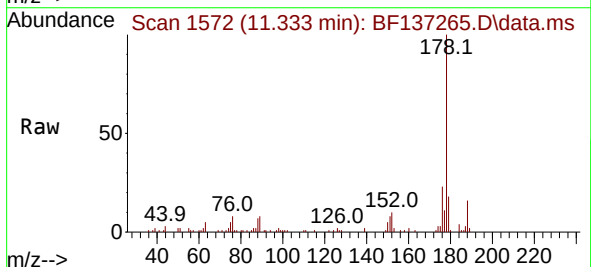
Tgt Ion:188 Resp: 15778
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 9.4 8.8 13.2

Manual Integrations
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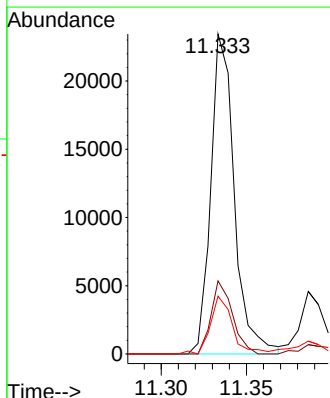
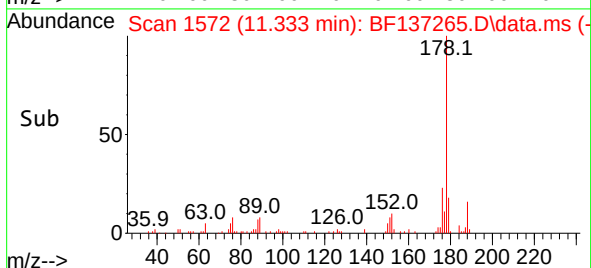
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

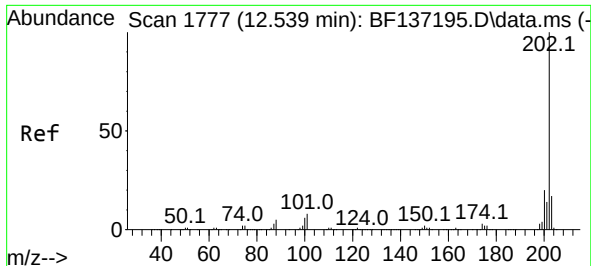


#71
Phenanthrene
Concen: 2.723 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF137265.D
Acq: 02 Feb 2024 20:16



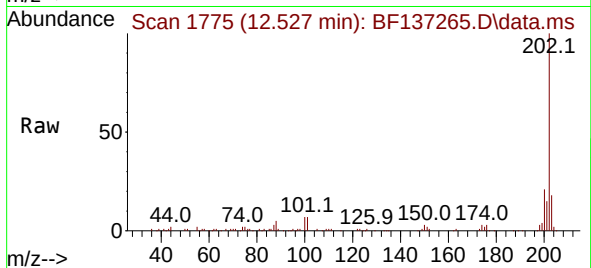
Tgt Ion:178 Resp: 22492
Ion Ratio Lower Upper
178 100
176 22.8 15.1 22.7#
179 18.1 12.1 18.1





#75
Fluoranthene
Concen: 5.499 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137265.D
Acq: 02 Feb 2024 20:16

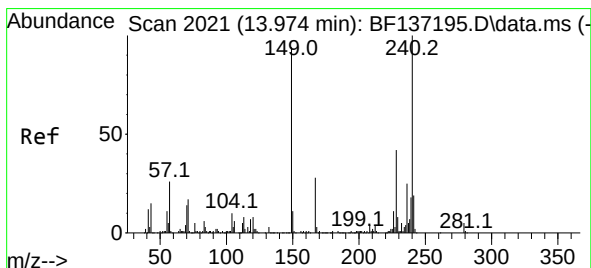
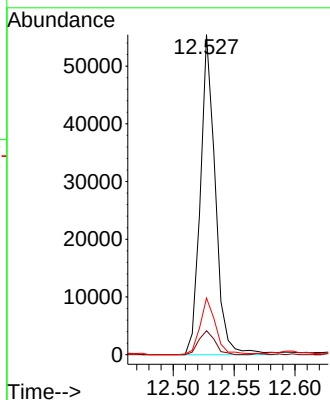
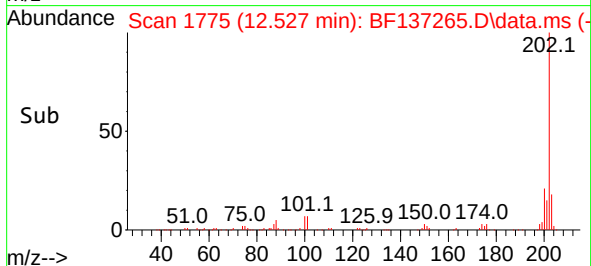
Instrument :
BNA_F
ClientSampleId :
COMP-2



Tgt Ion:202 Resp: 47529
Ion Ratio Lower Upper
202 100
101 7.5 0.0 28.4
203 17.7 0.0 37.3

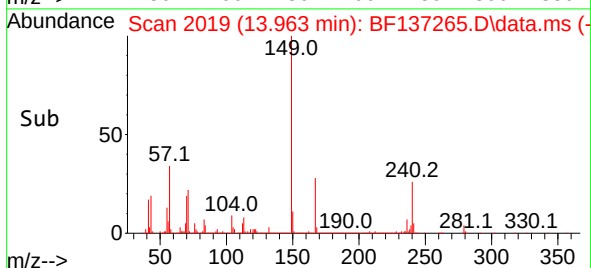
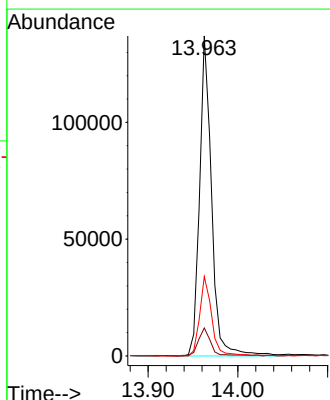
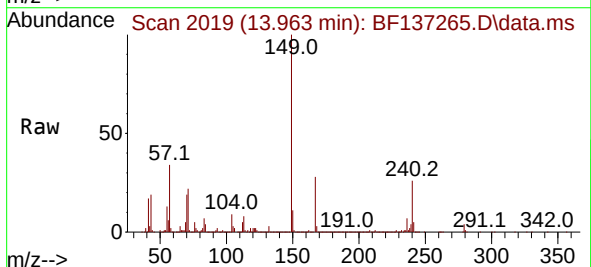
Manual Integrations
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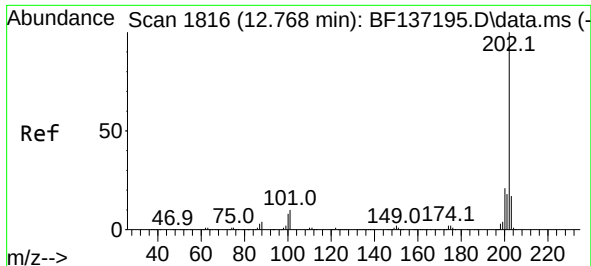
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137265.D
Acq: 02 Feb 2024 20:16

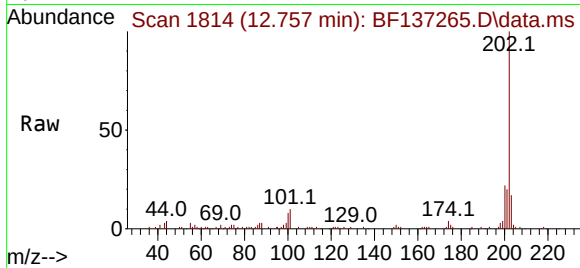
Tgt Ion:240 Resp: 127189
Ion Ratio Lower Upper
240 100
120 8.8 6.3 9.5
236 24.8 20.3 30.5





#78
Pyrene
Concen: 3.276 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF137265.D
Acq: 02 Feb 2024 20:16

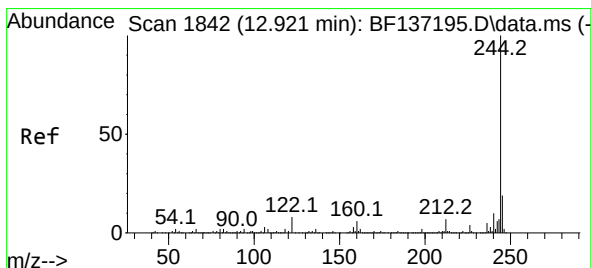
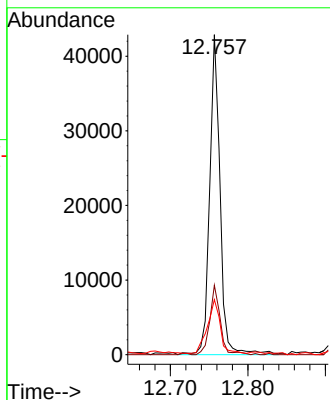
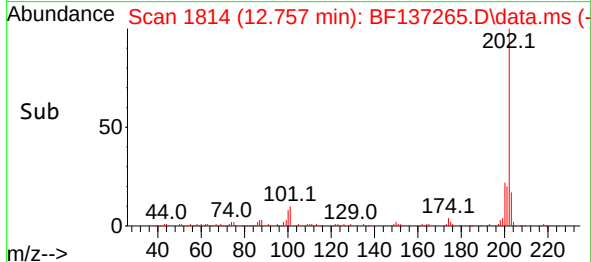
Instrument :
BNA_F
ClientSampleId :
COMP-2



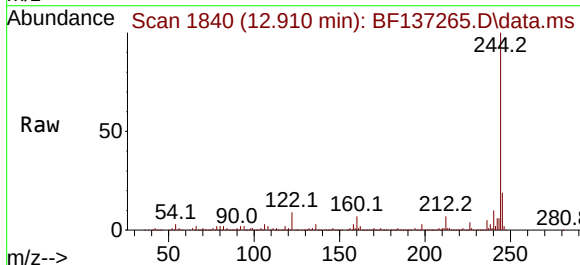
Tgt Ion:202 Resp: 4004
Ion Ratio Lower Upper
202 100
200 21.7 16.5 24.7
203 17.2 13.8 20.6

Manual Integrations
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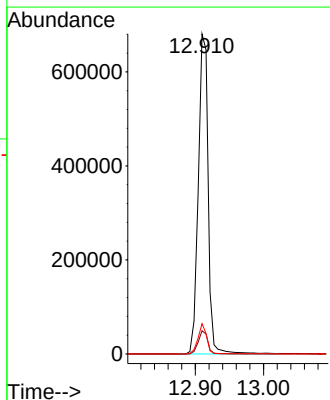
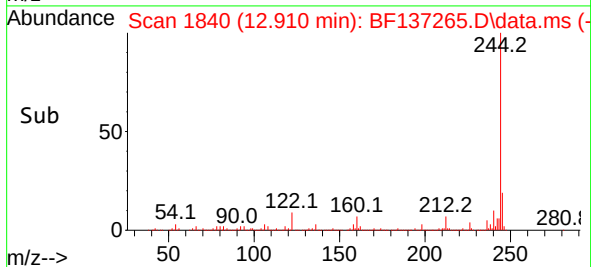
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

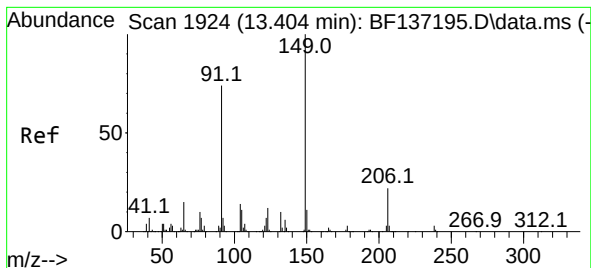


#79
Terphenyl-d14
Concen: 73.236 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF137265.D
Acq: 02 Feb 2024 20:16



Tgt Ion:244 Resp: 685190
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 9.4 6.2 9.4#





#80

Butylbenzylphthalate

Concen: 5.784 ng

RT: 13.392 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF137265.D

Acq: 02 Feb 2024 20:16

Instrument :

BNA_F

ClientSampleId :

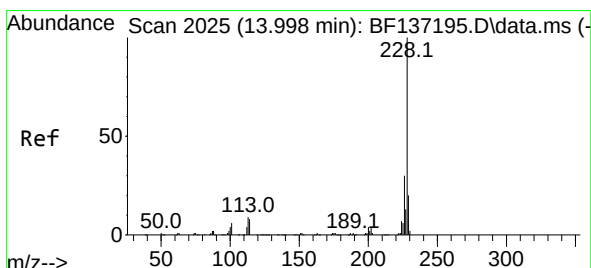
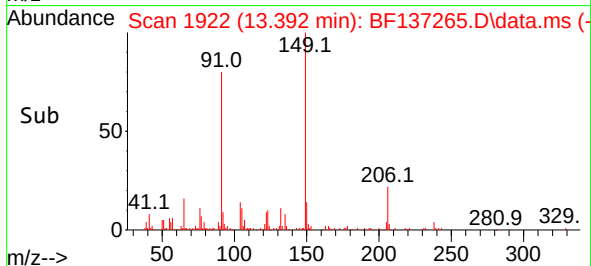
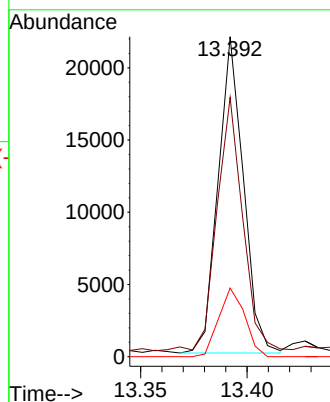
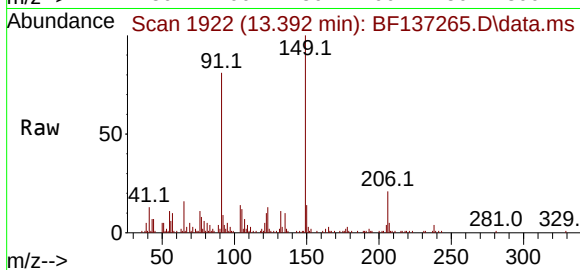
COMP-2

Tgt Ion:149	Resp:	1808
Ion Ratio	Lower	Upper
149	100	
91	81.0	58.8 88.2
206	21.4	17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#83

Chrysene

Concen: 2.314 ng

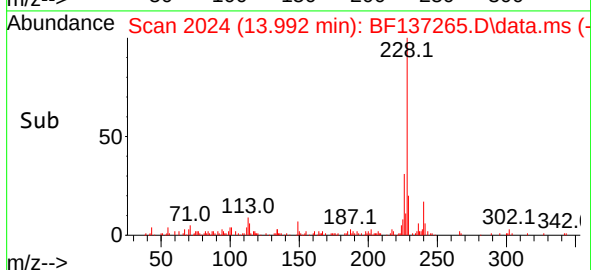
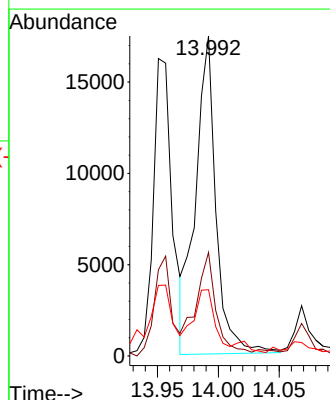
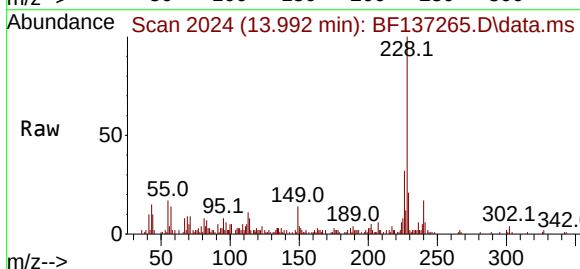
RT: 13.992 min Scan# 2024

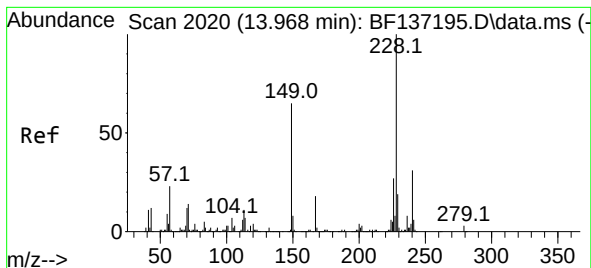
Delta R.T. -0.006 min

Lab File: BF137265.D

Acq: 02 Feb 2024 20:16

Tgt Ion:228	Resp:	20493
Ion Ratio	Lower	Upper
228	100	
226	32.3	23.7 35.5
229	20.7	15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 137.113 ng

RT: 13.963 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137265.D

Acq: 02 Feb 2024 20:16

Instrument :

BNA_F

ClientSampleId :

COMP-2

Tgt Ion:149 Resp: 498778

Ion Ratio Lower Upper

149 100

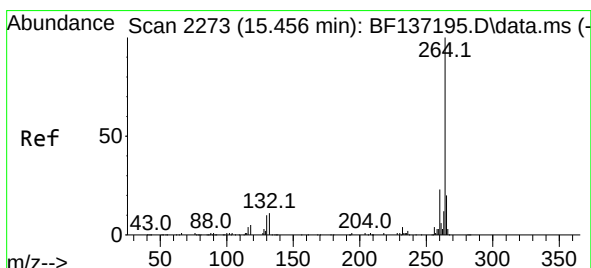
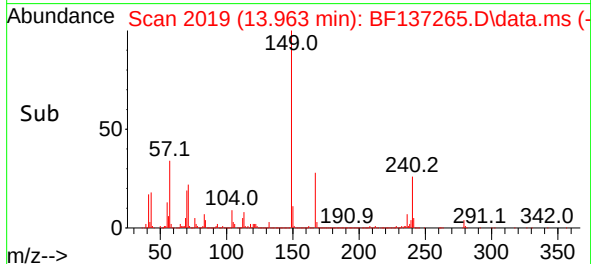
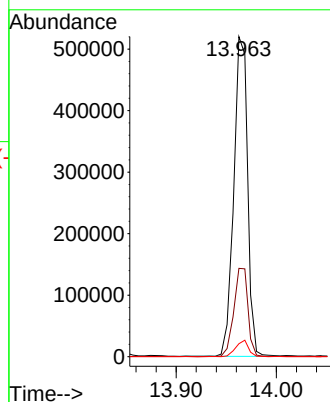
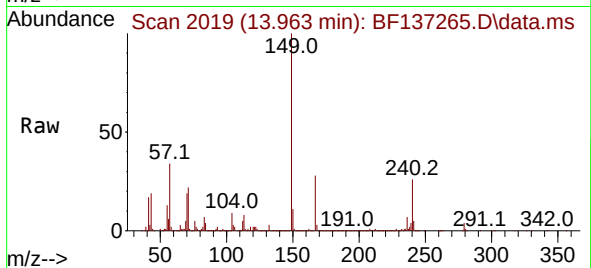
167 27.6 21.7 32.5

279 4.0 3.4 5.0

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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF137265.D

Acq: 02 Feb 2024 20:16

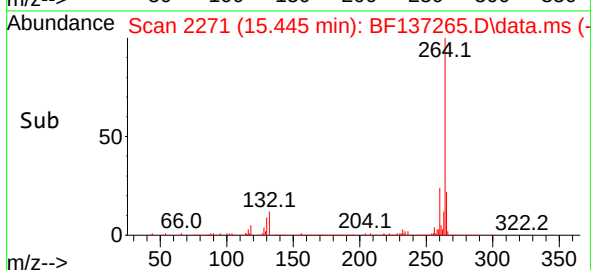
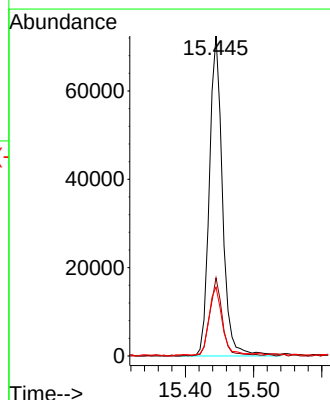
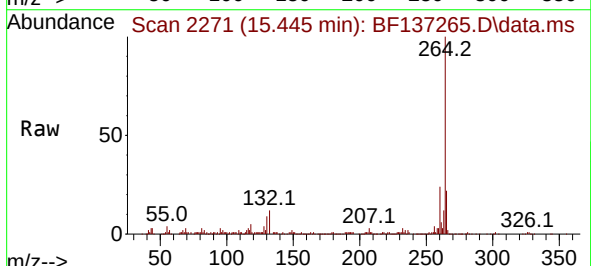
Tgt Ion:264 Resp: 97437

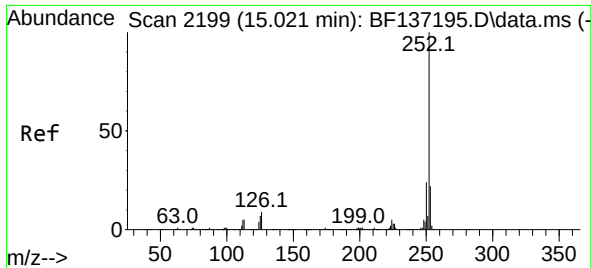
Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

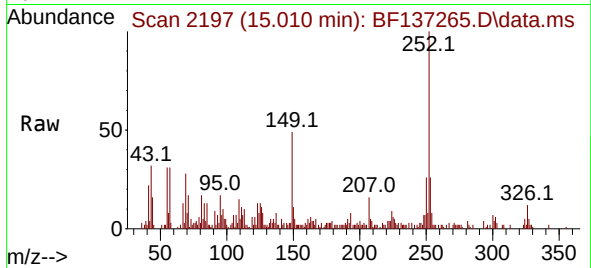
265 21.5 16.2 24.2





#88
Benzo(b)fluoranthene
Concen: 3.385 ng m
RT: 15.010 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF137265.D
Acq: 02 Feb 2024 20:16

Instrument :
BNA_F
ClientSampleId :
COMP-2



Tgt Ion:252 Resp: 20284
Ion Ratio Lower Upper
252 100
253 25.6 17.9 26.9
125 13.4 5.4 8.2

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